

12.1 GENERAL

Educational *facilities* shall comply with 521 CMR, except as specified or modified in 521 CMR 12. Educational *facilities* shall include but not be limited to: public and private schools, nurseries, pre-schools, day care facilities, colleges and universities, libraries, galleries, museums, and training *facilities*.

12.1.1 Applicability: Administrative spaces, instructional spaces, and areas open to students or the general public shall comply with 521 CMR.

12.1.2 Dormitories shall comply with the requirements of **521 CMR 8, TRANSIENT LODGING FACILITIES**.

12.1.3 Amphitheatres, lecture halls and classrooms of educational facilities shall comply with **521 CMR 14, PLACES OF ASSEMBLY**.

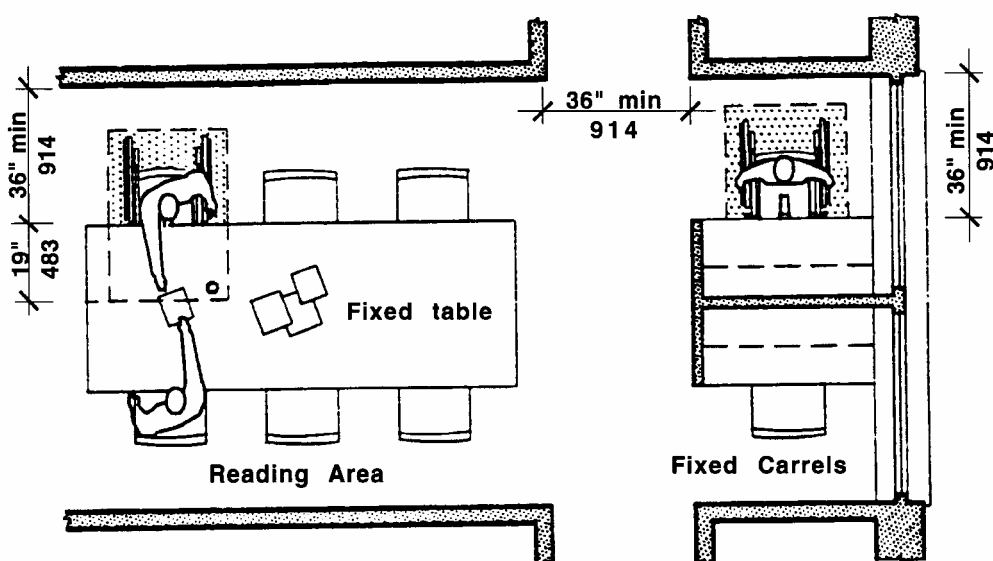
12.2 LIBRARIES

Shall comply with the following and **Figure 12a**.

12.2.1 General: All public areas of a library, including but not limited to, reading and study areas, stacks, reference rooms, reserve areas, and special *facilities* or collections, shall comply with **521 CMR 12**.

12.2.2 Reading Areas, Study Areas and Computer Workstations: Where tables, study carrels, computer workstations, or fixed seating are provided, at least 5% with a minimum of one of each *element* shall be *accessible*, be on an *accessible route*, and comply with the following:

- Access aisles*: A 36 inch (36" = 914mm) *access aisle* shall be provided between tables and between study carrels. No seating shall overlap the *access aisle*. **See Fig. 12a.**
- Clear floor space* as defined in **521 CMR 5, DEFINITIONS** shall be provided at each seating space. Such *clear floor space* shall not overlap knee space by more than 19 inches (19" = 483 mm). **See Fig. 12a.**
- Knee Clearances*: If seating for disabled persons is provided at tables or counters, kneespaces at least 27 inches (27" = 686mm) high, 30 inches (30" = 762mm) wide, and 19 inches (19" = 483mm) deep shall be provided. **See Fig. 12a.**
- Height of Tables or Counters*: The tops of *accessible* tables and counters shall be from 28 inches to 34 inches (28" to 34" = 711mm to 864mm) above the finished floor or ground.



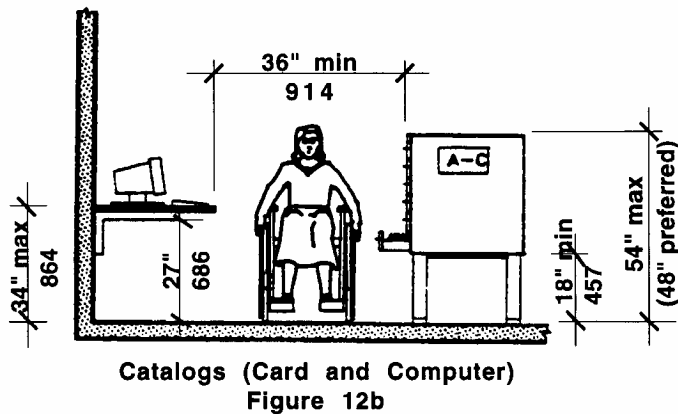
Seating in Libraries
Figure 12a

12.2.3 Check-Out Areas: At least one lane at each check-out area shall have a counter a minimum of 36 inches (36" = 914mm) in length and a maximum of 36 inches (36" = 914mm) in height. **See Fig. 7a.**

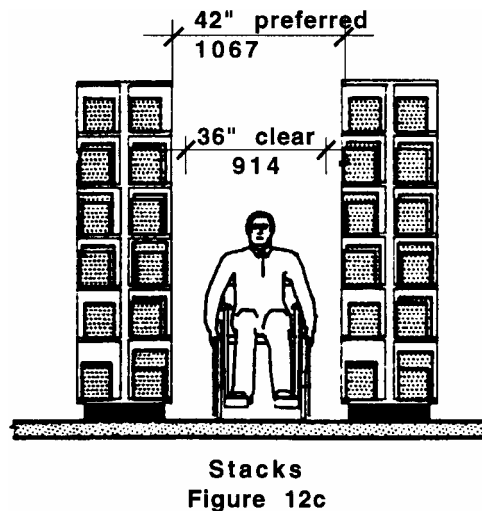
EDUCATIONAL FACILITIES

12.2.4 Security Devices: Any traffic control or book security gates or turnstiles shall not prevent access or *egress* to people in wheelchairs. Security gates shall have a 32 inch (32" = 812mm) *clear* opening. If turnstiles are used, an adjacent *accessible*, unlocked door or gate shall be provided. Any *level* changes created by such devices shall comply with **521 CMR 20, ACCESSIBLE ROUTE** and **521 CMR 29, FLOOR SURFACES**.

12.2.5 Card Catalogs: *Clear aisle space* at card catalogs shall be a minimum of 36 inches (36" = 914mm) and comply with **Fig. 12b**. Maximum reach height shall be between 18 inches (18" = 457mm) and 54 inches (54" = 1372mm), with a height of 48 inches (48" = 1219mm) preferred.



12.2.6 Stacks: Aisles between stacks shall have a minimum *clear* width of 36 inches (36" = 914mm) and preferably 42 inches (42" = 1067mm), where possible, as shown in **Fig. 12c**. Shelf height in stack areas is unrestricted.

**12.3 KITCHENS IN CLASSROOMS:**

Kitchens in classrooms shall comply with the requirements of **521 CMR 32, KITCHENS**.

12.4 SINKS, COUNTERS, AND OTHER WORK AREAS IN CLASSROOMS OR LABORATORIES

At least 5%, with a minimum of one of each type of element, in each classroom or laboratory shall comply with the following:

- Countertops and sinks shall comply with **521 CMR 12.2.2 b, 12.2.2c. and 12.2.2d.**
- Accessible storage: At least 50% of shelf space in cabinets or refrigerator/freezers shall comply with **521 CMR 6.5, Forward Reach** and **521 CMR 6.6, Side Reach** and *space* shall be designed to allow for the operation of cabinet and/or appliance doors so that all cabinets and appliances are *accessible* and usable.
- Controls and operating mechanisms shall comply with **521 CMR 39, CONTROLS**.

12.5 DRINKING FOUNTAINS IN CLASSROOMS:

Shall comply with the requirements of **521 CMR 36, DRINKING FOUNTAINS**.

12.6 RECREATIONAL FACILITIES AT EDUCATIONAL FACILITIES shall comply with the requirements of **521 CMR 19, RECREATIONAL FACILITIES**.

EDUCATIONAL FACILITIES

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